

Title (en)

SYSTEM FOR DETERMINING STRUCTURAL CHARACTERISTICS OF AN OBJECT

Title (de)

SYSTEM ZUR BESTIMMUNG DER STRUKTURELLEN EIGENSCHAFTEN EINES OBJEKTS

Title (fr)

SYSTÈME PERMETTANT DE DÉTERMINER LES CARACTÉRISTIQUES STRUCTURALES D'UN OBJET

Publication

**EP 3505900 B1 20230405 (EN)**

Application

**EP 19151869 A 20121215**

Priority

- US 201161576982 P 20111216
- EP 12857524 A 20121215
- US 2012069963 W 20121215

Abstract (en)

[origin: WO2013090863A1] The present invention relates generally to a system and method for measuring the structural characteristics of an object. The object is subjected to an energy application processes and provides an objective, quantitative measurement of structural characteristics of an object. The system may include a device, for example, a percussion instrument, capable of being reproducibly placed against the object undergoing such measurement for reproducible positioning. The structural characteristics as defined herein may include vibration damping capacities, acoustic damping capacities, structural integrity or structural stability.

IPC 8 full level

**A61B 9/00** (2006.01); **A61C 19/04** (2006.01); **G01M 7/08** (2006.01); **G01N 3/30** (2006.01)

CPC (source: EP)

**A61B 9/00** (2013.01); **A61C 19/04** (2013.01); **G01M 7/08** (2013.01); **G01N 3/30** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2013090863 A1 20130620; WO 2013090863 A9 20130829;** AU 2012351969 A1 20140710; AU 2012351969 B2 20151119; CA 2859589 A1 20130620; CA 2859589 C 20190709; CN 104114991 A 20141022; CN 109259803 A 20190125; CN 109259803 B 20210416; CN 109269752 A 20190125; EP 2791642 A1 20141022; EP 2791642 A4 20160113; EP 2791642 B1 20190612; EP 3505900 A1 20190703; EP 3505900 B1 20230405; ES 2744703 T3 20200226; ES 2944439 T3 20230621; HK 1202153 A1 20150918; JP 2015501942 A 20150119; JP 2017049261 A 20170309; JP 2018054627 A 20180405; JP 6028040 B2 20161116; JP 6250767 B2 20171220; JP 6457618 B2 20190123

DOCDB simple family (application)

**US 2012069963 W 20121215;** AU 2012351969 A 20121215; CA 2859589 A 20121215; CN 201280062274 A 20121215; CN 201810998763 A 20121215; CN 201810998764 A 20121215; EP 12857524 A 20121215; EP 19151869 A 20121215; ES 12857524 T 20121215; ES 19151869 T 20121215; HK 15102583 A 20150313; JP 2014547538 A 20121215; JP 2016203663 A 20161017; JP 2017224982 A 20171122